



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Nordine CHEIKH *et al.*

Appln. No.: 09/300,482

Filed: April 28, 1999

For: Nucleic Acid Molecules and Other Molecules Associated with the  
Phosphogluconate Pathway

Confirmation No.: 4511

Art Unit: 1631

Examiner: Marjorie A. Moran

Atty. Docket: 16517.216

**Amendment and Response**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In conjunction with the Request for Continued Examination (RCE) submitted to the U.S. Patent and Trademark Office herewith, Applicants submit the following amendments and remarks in response to the Office Action mailed December 22, 2005, (hereinafter "Final Action").

**Amendments to Claims** begin on page 2 of this paper.

**Remarks** begin on page 7 of this paper.